ACCIDENTS AND INCIDENTS OF EVERY DAY LIFE.

Queer Facts and Thrilling Adventures Which Show That Truth Is Stranger Than Fiction.

A LARGE party of men, headed by Harry Gager of Seattle, enjoyed a big covote drive on the sagebrush plains twenty miles southeast of Boise, Idaho. After an exciting chase thirty splendid specimens of the peculiar animal lay dead upon the frozen ground. At this season of the year the skin of the coyote is heavy and glossy, and of considerable commercial value. Gager and his party sought the animals for their warm coats, which they will have made into garments. The hunters were provided with a pack of fierce hounds and the party spread out over the plains to encircle a rocky butte much frequented by coyotes. The dogs made the frosty air re-echo with their deep notes. Within an hour after the commencement of the hunt twenty-one fine covotes had been killed and skinned. The hounds were then sent into a growth of sagebrush in a little hollow in one of the abrupt slopes of the butte. The dogs cornered four big covotes, and a battle royal followed. The coyotes fought like four-footed fiends, and they badly injured five splendid hounds before they succumbed. Their skins were nearly torn from their bodies during the struggle, and were worthless. A few minutes later eight big coyotes were started out of another bunch of sagebrush. The cowardly animals darted across the plain and tried to conceal themselves in a large flock of sheep. They had no fight in them and did not offer to molest the sheep, upon which they usually prey. After much difficulty the coyotes were driven into the sagebrush again, and then the hounds quickly dispatened five of them.

"Fon years," said a steady New York churchgoer, "I had been sitting in the same pew and in the same seat, the end places are occupied by members of my family, for we all attend church pretty regularly, but one Sunday recently when, for one reason and another, they had all stayed at home, I sat in my pew alone. Seeing pleuty of room there the usher brought to sit with me a stranger. I

ently. I saw children who appeared bury it. from their demeanor to be regular at-

In a little village in Sussex, England, there is a veritable milky way of lilies, where thousands of white blossoms shed their perfume, and where women gardeners tend and pack and ship the Jagodziasts, in Lithuania, wreaked their fragrant product. Twenty-five years ago vengeance on a suspected horse thief a single lily bulb was given to Mrs. recently by setting fire to his dwelling Bates, a farmer's daughter, who tended during the night, while he, his wife, the gift with the devotion women bestow mother, and family of five children were on flowers, and when sixteen bulbs had within, and burning the whole family to resulted from the original one, and Mrs. Bates, finding that her children, as she -called them, had outgrown the sunny window where they grew, she planted them in the corner of the garden. Ten of the women was murdered outright in years ago a daughter of Mrs. Bates, in. the attempt to force her back into the spired by the enterprise of the time, sent flames. The peasants gave themselves some blossoms to the London market, up to the Russian police, and will most and now, in association with her sisters, tras made the Bates lilies famous for then exiled to another part of the countheir beauty and perfection. The try. daughters are keen business women, interviewing their buyers at the 6 o'clock engineer being killed by his head strikmarket, selling without the interference ing against a sagged telegraph pole as of agents to private customers, florists, he leaned from his cab window, and and commission merchants. The average several instances are lately noted of product is 600 dozens a week, which are brakemen being swept from the roof of packed by women in the gardens, cars by bridges. But perhaps the most considerable extent in England, and at in Missouri. An engineer of an Iron ethe Horticultural College landscape and Mountain train was leaning out of his demonstrations, and practical work. It be was caught by the mail catcher, the As an interesting fact that applications iron pole and hook arrangement for mre received at the college faster than catching the mails from moving trains,

burg coatemporary, "is a mild phrase in his train passed on. He was seriously to hard labor in the Ural mines." And Ho-NE yet such heroism as the latter phrase de- Osages, the richest Indians in the coun- as comprehended in railroad distances, Minsk which illustrated this fact. The City. He wore his first hat for the ocgroom, Cesar Pozniak, was brought to casion, and a brand-new pair of blankets. church in heavy chains; the bride, Maria | The chief enjoyed himself hugely in the wealthiest houses of the city, came to acquaintance with civilization by rechurch accompanied by her friends in marking that he way more peetly women varriages. Cosir Pozniak was an artisan | there in one day than in all his life elseof good behavior and appearance; but he where, was accused of murder and condemned. Recently it was discovered that the to hard labor in the Ural mines for ten wooden roof of a time old church in years. Maria was in tove with him before Arundel, England, dating from 1380, the accusation took place, and would was entirely honeycombed by some unimal leave him in his trials. Now that known lasert. The beams were so friable

gua be have a clock this divergences. Juria

SOMEWHAT STRANGE. He felt satisfied that there were quite a number under a particular bush and he blazed away. The noisy fluttering which followed told him the result and he ran for his prize, and just as he was reaching out his hand to catch a wounded quait he was suidenly shocked to discover an enormous rattlesnake in the line of the bird. He approached the birds again sudden shot, and learned that the snake was dead. When he fired at the birds he killed the snake and six quail, al- actual distance that the vessel makes in is though none of the birds or the serpent were in view. The snake had eight rattles and a button and was 31 feet in "Constant Reader" and scores of others

Fon several months the Austrian sanitary authorities have guarded the frontier from the importation of Russian caviar, and presumably that from the Elbe has also been shut out. Caviar, which coesists of prepared eggs of the sturgeo. was placed under the ban on the ground that it was a medium for the transportation of the cholera germ. To test the matter the Austrian Minister of the Interior ordered a thorough investigation to be made at the hygienic labora-tory in Vienna. There noted batteriologists infected a quantity of caviar with bacilli from Tonquin and from Hamburg. as many as 153,39) being placed in the caviar. At the end of twenty-four hours there were but a hundred left, and at the end of forty-eight there were none at all. This experiment was repeated several times, with about the same result Lovers of this delicacy-the caviar, not the bacilli-may therefore continue to eat it without fear. It is a cholera killer instead of a propagator.

tered "Unbecoming levity." The gentleman accused had been from home several weeks on business, and on his return he met his wife at the meeting house, and braced her with a sounding smack on the lips. Some of the staid old deacons With the data taken by a frequent heavseat by the aisle. Usually the other house of God that the gentleman was of wood with a long line attached and wraighel on the above charge, and es- run out from the stern of the vessel for cape'l discussed from the caurch by a specific number of seconds) noting the

A cumous story is told of the recent funeral of an old farmer of Maine, who, was, of course, glad to welcome him. I after spending his life in tilling a rocky did not get up and step out into the aisle farm and raising a numerous family, died so that he might pass in by me, but I and left his hard-earned property to two moved along to the other end of the pew sons. The sons placed their father's reand let him sit in my place. When I mains in a rough coffin and started for had seen him comfortably scated and the burying-ground, bearing it upon handed him a hymn book, and had their shoulders. They took a short cut turned toward the pulpit again, I was through the woods, and had not gone surprised to find that everything in the far when a deer crossed the path. The For a long time I had been accustomed and depositing the coffin in the bushes, to seeing the backs of the heads of those of my friends and neighbors who sit in and were soon on a glorious hunt. Other front of me, and the sides of their faces, game turned up the hunt was prolonged, is that the latter is about 806 feet greater but comparatively few tenements, is from a certain point of view. I saw and it was not till four days afterward than the former. There are 69 geograph- 23.34. The First, Fourth and Fourthem now from another point of view, that they remembered their father's ical miles to each degree of latitude, or teeenth are the three most unhealthful and they all seemed to look very differ- corpse in the bushes and returned to

Two girls have lately had a strange tendants at church, but whom I had never experience in a country house, situated | hence the old saying "a mile a minute." noticed there before; they had been there in Devonshire, England, at which they of course, but my view of them had been were visiting. They were given a room cut off by the heads and shoulders of reported to be haunted by a woman with other persons. The preacher appeared a bloody face. Just as they got into bed to me in another light, and it seemed as on the first night of their stay, a woman though his sermon, coming as it did whose face was all gory rushed into the along a new angle, came with new power. room. The girls were frightened into Indeed, it was almost like visiting a new hysterics and the alarmed household church. The fact is that we are all such found them shivering and screaming creatures of habit that we are apt to be under the coverlets while a dead woman measuring distance as great as a mile, surprised if we depart even a little way lay beside the bed. The supposed ghost consequently the practice of defining a from the road we are accustomed to was a lady's maid who had broken a blood vessel while crossing the hall and feet, instead of 6.086.7 feet, has been In fact the Tenth ward, with its 60,000 ran into the girl's room for assistance, generally adopted. which their insensate fright prevented

them giving. THE passants of the Russian village of death. The peasants stood around the hut, and when the inmates rushed out they were thrust back into the burning house with pitchforks and scythes. One probably be imprisoned for a year and

A case was reported recently of an Women are taking up floriculture to a singular accident of this kind occurred kitchen gardening are taught by lectures, | cab window passing Williamsville when and pulled clean from his engine, through "'True to death,'" says a St. Peters. the window, falling beside the track as

Ho-NE-A-oo, one of the chiefs of the seribes can be found among Polish girls. try, recently exhibited himself to the or a rate of 25 and miles an hour, which A wedding was recently performed in wondering gaze of the people of Kansas is faster than many rational trains travel. Kanovitcheva, a maid in one of the metropolis of the Kaw and showed his

Mark to block from the fact his makes he provided the companie when his fact to the providing pr

## A KNOT AND A MILE.

How Navigators Compute Distance-"Dead Reckoning."

"Will you please explain the difference between a knot and a mile?" "What is the meaning of the term knot, as applied to the great speed made by the City of with his gun cocked and ready for a Paris!" "Is not the term knot simply a unit for measuring the speed of a vessel at sea, and has it anything to do with the a specific time?" These are only some of the questions asked by "A Subscriber." Is a brisk fire in the range. whose letters arrive by each mail and Like the preparation of a salad, deftness each requesting a reply, some inclosing a slip of paper and an addressed stamped envelope, some with stamps only and many with neither stamps nor money, the writers having no thought that the answers to such correspondents involve not only expense to the newspaper of employing persons to answer these letters, but there must be added the cost of stationery, postage, etc. Some writers also neglect to give their address, so that many letters cannot be answered. This latter class, no doubt, charges the editor with indifference, while the fault is entirely with the writer who neglects to say to whom and where the reply is to be Add a tablespoonful of cheese before But what is the meaning of the word

"knot?" It is purely and wholly a nautical term, having specific and direct application to the speed and distance made by a vessel moving in water. The word "knot" is the mariner's term for a nautical mile, and its use is really derived from the log line used by naviga-A KENTUCKY Baptist minister say: tors of the ocean when they wish to dethat some years ago a Baptist Church in the ship has probably sailed in a given that State tried a man for kissing his time. The log-line is an important and wife. The formulated charge was en a very necessary part of a ship's fittings; especially is this the case when, for several days at sea, the navigator is unable because of the sun being hidden by clouds of thick weather to get a peep at in the presence of the congregation em- it with his sextant, from which the ac-With the data taken by a frequent heavwere so shocked at such levity in the ing of the log (a small block or section agreeing to do his kissing at home in the force and direction of the wind, the possible currents, or rather influences acting favorably or against the progress of the ship, the navigator is enabled to calculate very nearly, in overcast or foggy weather, about where his ship is at any hour of the day. This is called " working out the position of the ship by dead reckoning.

Every one who studied the geographical table in his early school days will recall that part of the sing-song recita-tion running like this: "69 1-6 statute one degree of longitude at the equator." to each degree of longitude at the equa | wards in the city, the rate being 35.02, tor, which degrees of miles are called As there are 360 degrees or meridians of street, and which contains the largest miles in the entire circumference of the the world, at the equator; and it has been mathematically determined that one minute-one geographical mile-at the equatorial circle is equal to 6,986.7 feet. But it has been the habit of mariners not to be too exact on small fractions when knot or nautical mile as equal to 6,080 the town, but the death rate is 26.60,

When the navigator desires to make a at which his vessel is making through the at which his vessel is making through the water, she follows the constant 6,080. As is 16.95."—[New York Herald. the number of seconds in an hour are to 6,080 feet so are the number of seconds in the time-glass (to be used) for mensuring the ship's speed to the number of she covers a distance of 601; land miles, Truth. - N. Y. Tribune.

# RELIABLE BECIPES.

nurs.—An onelst should be a flue gol len public, volor, light and delicate throughout, and known lasert. The beams were so frishle as to be easily milded to pieces between the fingers, and the wonder was that the follow him to his piece of destination. The primes authorities granied the contract permission beamstry, and the weighing to concrete it.

In 3t, Petersbarg a machinan was taken the indexes in the peters already and the peters in the peters already in the peters already in the peters already in the peters already in the peters and the peters already in the peters al Ma. White a first little op the begin and you

allow the uncooked eggs on top to wa under toward the centre of the pas. This will take but one moment. By this time the omelet should be creamy in the centre and firm on the bottom. gin to roll it from the bottom edge of the pan. There is always some difference in the heat on the sides. Let the omelet rest for about half a minute after it is rolled, then turn it out on a hot platter and serve it. The time here given is on the supposition that there brisk fire in the range. made very rapidly. It is a thing tossed off on the inspiration of the moment. of touch and light and rapid motion are of more avail than any set rules. It requires some practice to be perfect in the making of omelets. When you have once mastered the art you can add all sorts of minces and flavors to give variety. A half-teaspoonful of chopped parsiey and taragon in equal parts and half the amount of chopped chives will make you an omelet of tine herbs. Six oysters, scalded up in their own liquor and mixed with two tablespoonfuls of well flavored cream sauce, may be poured in the centre of a plain omelet of four eggs just before it is rolled, and we have an oyster omelet. the omelet is rolled, or a tablespoonful of asparagus tops, or of green peas, or two tablespoonfuls of minced ham or minced chicken livers, well fried, and in

### Health and Squalor.

either case you have a delightful variety

of this familiar breakfast dish.

"Appearances are sometimes deceptive and popular impressions erroneous," said Dr. Tracy, of the Health Department, to

"What now?" I asked.

"I had a friend, a physician from Connecticut, call on me the other day. On one of his tramps about town, he had strayed down in the Tenth ward, which is bounded by Division, Rivington and Norfolk streets and the Bowery. It is the banner tenement house ward of the city. There may be a dozen houses in which less than three families live, but most of the dwellings are double-decked tenements, holding from twenty to sixty families to the house. Children swarm like bees, and it is probably the most densely populated spot in the United States, perhaps the globe. My friend thought that the mortuary record must be frightful.

"When I told him it was about the most healthful district in New York, and with nearly the lowest death rate of any ward, he would scarcely believe me, Take the Nineteenth ward between Fortieth and Eighty-sixth streets, east of Sixth avenue, which is mainly filled with miles, or 60 geographical miles equal the homes of the rich and well-to-do, the death rate is 21.82, while in the Tenth it 36.80 and 36.84 respectively. In the "minutes" in the nautical vocabulary, Twelfth ward, which comprises all of Manhattan Island north of Eighty-sixth longitude, there are 21,600 minutes or population, having within its borders about 225,000 souls, the rate is 19.28.

"As I said, a casual observer would consider the Tenth ward the most unhealthful in the city owing to its crowded tenements and its geographical situation. The Twenty-first ward, bounded by Twenty-sixth street, Fortieth street, Sixth avenue and the East River, contains much of the aristocratic quarter of Russian Hebrews and Germans, has the lowest death rate of any ward except the og-line by which to ascertain the speed | Third-a small ward, containing but

The Compass in the Watch. A few days ago I was standing by an feet in each unit of measurement marked | American gentleman, when I expressed off on the log-line. If a half minute (30 a wish to know what point was the seconds) glass is to be used, the knots north. He at once pulled out his watch, must be made 50 feet 8 inches from each looked at it, and pointed to the north, I other, and the number of these knots asked whether he had a compass attached which pass from the reel over the stern to his watch. "All watches," he replied, while the sand is running from the top "are compasses." Then he explained to bulb to the lower bulb of the glass is me how this was. Point the hour hand equal to the number of knots or nautical to the sun, and the south is exactly half miles that the vessel would make in an way between the hour and the figure XII nour, providing the same conditions for on the watch. For instance, suppose that speed continue. For instance, if the en- it is four o'clock. Point the hand indigines of a steamship continue to cating four to the sun, and II on the make the same speed during the watch is exactly south. Suppose that it hour, or if the force of wind and is eight o'clock; point the hand indicatspread of canvas of a sailing vassel con- ing eight to the sun, and the figure X on tinue the same, the number of knots on the watch is due south. My American the line passing from the reel while the friend was quite surprised that I did not sand is passing through the 30-second know this. Thinking that very possibly glass, is as good an actual measurement I was ignorant of a thing which every of the vessel's speed through the water one else knew, and happening to meet as could be obtained except that the Mr. Stanley, I asked that eminent travcourse should be measured by an actual cler whether he was aware of this simple survey with instruments. If it was shown mode of discovering the points of the that the vessel was making ten knots, compass. He said that he had never she would cover ten geographical miles, heard of it. I presume, therefore, that or a little more than 114 land miles, or the world is in the same state of ignorsleven and a half times 5,280 (5,280 feet ance. Amalfi is proud of having been being equivalent to a land mile). Hence, the home of the inventor of the compass. to speak of the City of Paris having made I do not know what town boasts of my 525 knots or nautical miles in 24 hours, American friend as a citizen. - London

# The Potomato.

"Potomato" is the name given a curious manufactured vegetable which owes its origin to Dr. B. C. Culner, of Atchison, Kan. For more than twenty years Coan Staness Cane, -One cup of buts a view of crossing the potato and tomato life and meditate upon its problems. ter, two cope of sugar, two und a saif wines. It is claimed that this has at last [Harper's Magazine, cups of flour, one cup of cora stack, been accomplished and that a species of one scant cup of sweet wilk, white of vine has been thus literally manufactured, neven eggs, two temperature of baleng and that it will produce both polatoes powder, one trasposated lemon extent, and tomatoes, both of whole grow in flow to Make Good Brankwast Ogs.

### A WONDERFUL CLOCK.

Au Astronomical and Horological Curiosity.

Adolphus Haensle and Augustus Noll, two Black Forest (Germany) clockmakers, have just finished the most wonderful of all clocks, an astronomical and horological oddity that throws all previous efforts "in the shade." It shows the seconds and strikes the hours, quarters and minutes, besides giving a calenlar of days, weeks, months and years up to the year 10,000. It also shows the solar system, the phases of the moon, the revolutions of the earth and the zodiac, besides giving on its seventeen faces the correct time for Berlin, Prague, Riga, Vienna, Cairo, Tiflis, Trieste, Rome, Munich, Berne, New York, Geneva, Boston, Paris, Metz, London and, on the large face in the center, the time at the place where the clock is located. At the right of the principal works

there is a calendarium, at the left a

music box and at the front a globe with its various movements correctly imparted by a simple peice of mechanism attached to the clock. Above the movement the second and minute hands are placed. At the expiration of each minute an angel strikes a bell, whereupon the hands on each of the 17 faces simultaneously move forward one minute. The expiration of the quarter hour is indicated by the angel striking twice. In the course of each hour the ages of man are represented. At the end of the first quarter a child appears, at the second a youth, at the third a man in the prime of life and at the fourth an aged grandsire. The hour is struck by a figure of Death, by whose side stands an angel, who nods at Death not to strike at the appearance of the first three figures, but suffers him to hit the bell when the old man appears on the scene. At the left of the clock, on a shelf on its side, stands Christ surrounded by the Twelve Apostles. At the time when Death strikes the hour the Twelve bow before the Master, who who goes through the act of blessing them by bowing his head and raising his hands. At 6 o'clock, both morning and evening, a sexton rings a bell and the figures of three monks appear and go into a tiny church for prayer; as they disappear through the door choral music is played. At 10 in the evening a night watchman appears and blows his horn hourly for the next four hours, or until 2 a. m.; at 3 a cock crows from a window in the upper left-hand corner of the clock. At 12 o'clock, both noon and midnight, the music box plays for five minutes, and at 12 midnight the calendar changes, the following day and date appearing, and at the end of the month, whether it be one of 30 or 31 days, the name of the next month appears in the slot. Not even the leap years are forgotten. At the upper left-hand corner, near the crowing cock's window, is a endar of the seasons. On the other side

her various phases. Each season is represented symbolically; March 21 Spring appears as a maiden with wreaths of flowers, a child accompanying her; June 21 she appears with a sheaf of wheat, the child carrying the sickle; September 21 both carry fruits; on December 21 the maiden is sitting at a spinning wheel and the child is playing with a spindle. On December 25 a lovely Christmas scene in the chapel is presented, the music box playing appropriate tunes. On December 31, at 12 o'clock, a trumpeter appears and plays a solo, accompanied by an invisible orehestra, This indicates the beginning of the new year, and during the musical treat all the numbers change, so that everything is ready for the beginning of another cycle of time.

# The Ragpickers of Paris.

The wealth of Paris is so boundless that the rubbish and refuse of the city are worth millions. There are more than fifty thousand persons who earn a living by picking up what others throw away, Twenty thousand women and children exist by sifting and sorting the gatherings of the pickers, who collect every day in the year about 1200 tons of merchandise, which they sell to the wholesale rag-dealers for some 70,000 francs. At night you see men with baskets strapped on their backs, a lantern in one hand, and in the other a stick with an iron hook on the end. They walk along rapidly, their eyes fixed on the ground, over which the lantern flings a sheet of light, and whatever they find in the way of paper, rags, bones, grease, metal, etc., they stow away in their baskets. In the morning, in front of each house, you see men, women, and children sifting the dust-bins before they are emptied into the seavengers' carts. At various hours of the day you may remark isolated ragpickers, who seem to work with less method than the others and with a more independent air. The night pickers are generally novices; men who, having been thrown out of work, are obliged to hunt for their living like the wild beasts. The morning pickers are experienced and regular workers, who pay for the privilege of sifting the dust-bins of a certain number of houses and of trading night, finally he set a watch, expecting with the results. The rest, the majority, ere the coureurs, the runners, who exer eise their profession freely and without control, working when they please and loading when they please. They are the philosophers and adventurers of the prothe doctor has been experimenting with | fession, and their chief object is to enjoy

# Church Hospitality.

that soon after his first nomination for curlo man .- Indianapolis News. the presidency he was in the city of ----where he had not been expected and was known to but few, and there, on a rains Sunday, entered a church and took a cent in a vacant pew not for from the polpit. The man who rented or twice! the pow coming in and seeing someone in the sent, sent the sexton to ask him to leave it, which the general quintly did, simply saying . "I supposed it was probabit the pew of a goodencan, or b should not have endered it -; Drinni

#### THE BODY AND ITS HEALTH.

THE SICK ROOM. - Do not keep a sick person too long in one room without taking him out and fumigating it. Put sulphur in an iron or earthenware pan that will stand the heat, and set it on bricks placed in another and larger pan containing water up to the top of the bricks. Set the sulphur on fire; close all the windows and crevices, so it cannot escape. Loosen and hang upon chairs all the clothing to be freshened; keep the door closed six or eight hours; then open all the windows and doors and freely ventilate the room for a day. Nothing rests a sick person so much as to think of the pure, clean room he is lying in.

LIMITATIONS OF MEDICINE. - Think not that the doctor is omnipotent. In an address to professional men, Prof. Herrmann Nothnagel, of Vienna, himself one of the world's ablest physicians, said that the various diseases of the blood, ailments that pass through different phases and stages, the host of diseases of the nervous system, to this time have furnished no more opportunities for real cure than the soil of Alaska for the cultivation of the date palm. Infectious diseases must run their course. Diseased conditions may be arrested in initiatory stages sometimes, but after they have culminated, never. Pain may be temporarily relieved; disease must heal itself. The painful symptoms are nature's efforts to right the system and put it to working correctly. The doctor, while nature does this work, can only endeavor to sustain the patient by dietetical, hygienic and climatic influences, and re-

moval of excitants. A VALUABLE HINT CONCERNING JELLY. -"My husband," said a physician's wife not long ago, "chanced to see one day, standing on a shelf outside our kitchen . window, some molds of jelly cooling for the dinner. They were uncovered, as they were out of the reach of cats and in full view of the cook's watchful eye. But he questioned me about them, and asked if it were our usual custom to leave jelly thus unprotected. I was obliged to reply that, so far as I knew, it was. Then he said: 'Don't you know that when we medical men want to secure minute organisms for investigation we expose gelatine to the air or in places where we have confined malignant germs? The gelatine speedily attracts and holds them. I'm afraid your flavored gelatine does the same. Cool the jelly if you must, but cover it with a piece of sheer close muslin, or, better, if you have it, some pieces of glass taken from some broken window pane.' And we have always done that since then." It is to be feared that kitchen processes are sources of illness more often than is imagined. In many city houses the little kitchen annex, where stands the refrigerator, and where various eatables are kept, is directly against a drain and a representation of the revolution of the closet. Yet here stand daily uncovered sun around the earth and a correct cal- milk, butter, often custards and puddings, and various other absorbents. the moon is represented going through | The average cook is absolutely ignorant of sanitary cause and effect, and the eterhal vigilance of the house mother is the family's chief safeguard.

INSENSIBILITY TO PAIN WITHOUT EN-

TIRE Loss of Consciousness,-A French

physician who has given much attention

to the subject of administering chloroform and ether is quoted as stating, first, that any one who is anæsthetized by chloroform or by ether risks his life, and, second, that the risk is five times less with ether than with chloroform. At the same time he found many disadvantages connected with the use of ether alone, and in all operations of long duration he gives a subcutaneous injection of onesixth to one-third of a grain of morphine. He finds that this calms the patient, notably diminishes the quantity of ether necessary, and sometimes produces, after a few whiffs of ether, a remarkable condition of analgesia, or insensibility to pain, without loss of consciousness. The latter condition is undoubtedly the ideal anæsthetic state. The injection is given to the patient in a quiet room, and he is encouraged to closs his eyes and to sleep. In about twenty minutes he is carried to the operating table, where, in quietness and without excitement, he is etherized. Julliard narrates seven cases of analgesia with ether and one case with chloroform. In all these cases the patient was conscious, but felt no pain, and in several he was able to aid the surgeon by voluntarily making convenient movements. In conclusion Dr. Julliard denounces the method of giving a concentrated vapor of ether at the beginning of the inhabition with the view of producing anathesia as being likely to cause any or several of the accidents of other administration. He also views with disfavor the method of giving chloroform at the beginning and of continuing the anasthesia with ether, designating the method as, the combination of the dangers of chloroform with the disadvantages of ether.

# For the Worms.

A farm editor received the following story and sent it to the curio column collector, who returned it because he knew it stated facts and not fiction. A horticulturist had missed many apples every to trap his neighbor's boys. In the dim night light he saw limbs of apple trees shaking, and then he heard the fruit falling. He had seen no one enter the orchard. Nonplussed, he crept up nio se to the shaking tree. He saw & hedge-hog descend from the tree, roll over the apples until its back was laden with the fruit attached by the quills, and wabble off. The farm editor didn't doubt the story, but wondered what an insect cating animal wanted with apples. "For The anecdote is told of tieneral Grant | the worms," triumschantly explained the

# Size of the Malcoule.

From various laborious calculations and careful deductions. Independently made by Joseph Leschnidt (1863), 41. Johnstone Stoney (1808), Win. Thompson (1870), and by J. Clark Maywoll (1873). we are given to, understand that the offactive size of the melecule in never larger than the five hundred milliouth of un lack, and that its some cases it must be bound an interest than the thousand oallwould of an luck. Minute or this task A sixtisk skating costume is made at disconnies in the "record power" at our pinited release. The same in this local microscopies weaker the continuation and make the partie of the contract of the contra Mill by 1962 Million, Now York, Wilson